EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	268	(141/319).CCLS.	USPAT; USOCR	OR	OFF	2011/03/16 10:50
L2	6	1 and vial and syringe and housing	USPAT	OR	OFF	2011/03/16 10:50
L3	13	("4432755" | "4697622" | "5329976" | "5358501" | "5393497" | "6120490" | "6503240").PN. OR ("7086431").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/16 10:52
L4	58	("2609818" | "3040743" | "3506006" | "3563373" | "3892237" | "4303069" | "4732850" | "4779763" | "4861335" | "4958622" | "5067948").PN. OR ("5393497").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/16 10:55
L5	509	(141/330).CCLS.	USPAT; USOCR	OR	OFF	2011/03/16 11:04
L6	14	5 and vial and syringe and housing	USPAT	OR	OFF	2011/03/16 11:04
S1	141670	"220"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/04/12 10:54
S2	461	S1 and olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/04/12 10:54
S3	173	S2 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/04/12 10:55
S4	139	S3 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/04/12 10:55
S5	22	S4 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2010/04/12 10:55
S6	105	thermoplastic and chamber and seal and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2010/05/12 15:01

S7	71	S6 and polyolefin	USPAT	OR	OFF	2010/05/12 15:02
S8	41	S7 and friction	USPAT	OR	OFF	2010/05/12 15:02
S9	38	S8 and ethylene	USPAT	OR	OFF	2010/05/12 15:02
S10	10	S9 and aperture	USPAT	OR	OFF	2010/05/12 15:03
S11	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2010/05/12 15:11
S12	55	("2503147" | "3092278" | "3340671" | "3424329" | "3685248" | "4250611" | "4366912" | "4390111" | "4664275" | "4682703" | "4703781" | "4842028" | "5085332" | "5088612" | "5129212" | "5341854" | "5411065" | "5484566" | "5514339" | "5549141" | "5641004" | "5816772" | "6021824" | "6068150").PN. OR ("6604561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/12 15:12
S13	82	("20010041872" | "20020006353" | "20020010995" | "20020018731" | "20020029022" | "20020131902" | "20020172615" | "20030156973" | "2503147" | "2667986" | "3092278" | "3136440" | "3278063" | "3340671" | "3392859" | "3424329" | "3685248" | "3811591" | "4048255" | "4250611" | "4366912" | "4390111" | "4444330" | "4499148" | "4664275" | "4682703" | "4703781" | "4815619" | "4834152" | "4842028" | "4910435" | "5009654" | "5031675" | "5038839"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/12 15:19

		| "5085332" | "5088612" | "5088995" | "5129212" | "5341854" | "5390469" | "5411065" | "5414267" | "5484566" | "5496302" | "5514339" | "5549141" | "5612588" | "5641004" | "5673535" | "5702019" | "5816772" | "5842321" | "5909032" | "5971181" | "6021824" | "6050435" | "6068150" | "6140657" | "6168037" | "6199350" | "6308494" | "6343711" | "6364864" | "6382441" | "6385943" | "6604561" | "RE35203" | "RE37471").PN. OR ("7032631").URPN.				
S14	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2010/05/12 15:20
S15	2661	thermoplastic and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2010/05/12 16:35
S16	80	S15 and vial	USPAT	OR	OFF	2010/05/12 16:35
S17	46	S16 and needle	USPAT	OR	OFF	2010/05/12 16:35
S18	144081	"220"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:08
S19	498	S18 and olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:08
S20	191	S19 and styrene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:08
S21	156	S20 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:08
S22	26	S21 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:08

S23	123	thermoplastic and chamber and seal and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/03/08 12:08
S24	85	S23 and polyolefin	USPAT	OR	OFF	2011/03/08 12:08
S25	53	S24 and friction	USPAT	OR	OFF	2011/03/08 12:08
S26	45	S25 and ethylene	USPAT	OR	OFF	2011/03/08 12:08
S27	12	S26 and aperture	USPAT	OR	OFF	2011/03/08 12:08
S28	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/03/08 12:08
S29	66	("2503147" | "3092278" | "3340671" | "3424329" | "3685248" | "4250611" | "4366912" | "4390111" | "4664275" | "4682703" | "4703781" | "4842028" | "5085332" | "5088612" | "5129212" | "5341854" | "5411065" | "5484566" | "5514339" | "5549141" | "5641004" | "5816772" | "6021824" | "6068150").PN. OR ("6604561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 12:08
S30	87	("20010041872" | "20020006353" | "20020010995" | "20020018731" | "20020029022" | "20020131902" | "20020172615" | "20030156973" | "2503147" | "2667986" | "3092278" | "3136440" | "3278063" | "3340671" | "3392859" | "3424329" | "3685248" | "3811591" | "4048255" | "4250611" | "4366912" | "4390111" | "4444330" | "4499148" | "4664275" | "4682703" |	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/08 12:08

		"4703781" | "4815619" | "4834152" | "4842028" | "4910435" | "5009654" | "5031675" | "5038839" | "5085332" | "5088612" | "5088995" | "5129212" | "5341854" | "5390469" | "5411065" | "5414267" | "5484566" | "5496302" | "5514339" | "5549141" | "5612588" | "5641004" | "5673535" | "5702019" | "5816772" | "5842321" | "5909032" | "5971181" | "6021824" | "6050435" | "6068150" | "6140657" | "6168037" | "6199350" | "6308494" | "6343711" | "6364864" | "6382441" | "6385943" | "6604561" | "RE35203" | "RE37471").PN. OR ("7032631").URPN.				
S31	1	("6604561").PN.	USPAT; USOCR	OR	OFF	2011/03/08 12:08
S32	2851	thermoplastic and copolymer and olefin and lubricant and weight	USPAT	OR	OFF	2011/03/08 12:08
S33	94	S32 and vial	USPAT	OR	OFF	2011/03/08 12:08
S34	56	S33 and needle	USPAT	OR	OFF	2011/03/08 12:08
S35	66914	"53"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:10
S36	1553	S35 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:10
S37	119	S36 and $4olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:10
S38	37	S37 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:11

S39	41575	"141"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:26
S40	2023	S39 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:26
S41	94	S40 and $4olefin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:26
S42	90	S41 and method	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:27
S43	41	S42 and elongat$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:28
S44	36	S43 and weight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:28
S45	36	S44 and hermetic$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:28
S46	36	S45 and thermoplastic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:29
S47	36	S46 and copolymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:29
S48	36	S47 and first and second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:29
S49	30	S48 and injection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:29
S50	30	S49 and member	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:30
S51	30	S50 and friction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:30
S52	24	S51 and lubricant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:30
S53	14	S52 and non-coring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2011/03/08 12:31
S54	4	(("5421469") or ("5314084") or ("3815771") or ("5718348")).PN.	USPAT; USOCR	OR	OFF	2011/03/09 10:12

S55	63	(215/248).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/09 10:20
S56	32	S55 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/09 10:30
S57	11	S56 and pierce	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/09 10:30
S58	100	("2364126" | "2794437" | "3882909" | "3993063" | "4191225" | "4196732" | "4211588" | "4312349" | "4457749" | "4552277" | "4564054" | "4576211" | "4582207" | "4588403" | "4589879" | "4600040" | "4607671" | "4619651" | "4645073" | "4671331" | "4673404" | "4768568").PN. OR ("4834149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/09 10:37
S59	68	("20020161334" | "20030088216" | "20040256026" | "20050178462" | "20050178462" | "20070084524" | "20070156102" | "20080028632" | "20080039773" | "4185628" | "5137511" | "5364369" | "5509433" | "5641004" | "5702019" | "5779668" | "5823373" | "5871110" | "5876372" | "5971181" | "6003702" | "6021824" | "6070623" | "6168037" | "6267154" | "6306423"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/09 11:59

		| "6312708" | "6383509" | "6564471" | "6604561" | "6684916" | "6929040" | "6984395" | "7077176" | "7100646" | "7186241" | "7568509").PN.				
S60	1	("5549141").PN.	USPAT; USOCR	OR	OFF	2011/03/09 12:21
S61	100	("2364126" | "2794437" | "3882909" | "3993063" | "4191225" | "4196732" | "4211588" | "4312349" | "4457749" | "4552277" | "4564054" | "4576211" | "4582207" | "4588403" | "4589879" | "4600040" | "4607671" | "4619651" | "4645073" | "4671331" | "4673404" | "4768568").PN. OR ("4834149").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/15 09:48
S62	838	(141/329).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 10:55
S63	128	S62 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 10:55
S64	64	S63 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 10:55
S65	55	S64 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 10:55
S66	3	(("4576211") or ("2627857")).PN.	USPAT; USOCR	OR	OFF	2011/03/15 11:55

S67	328	(604/406).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:10
S68	271	S67 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:10
S69	75	S68 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:11
S70	31	S69 and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:11
S71	585	(604/416).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:17
S72	107	S71 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:17
S73	61	S72 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:17
S74	30	S73 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:17

S75	28	S65 and bag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:29
S76	531	(141/330).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:34
S77	91	S76 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:34
S78	20	S77 and vial	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:34
S79	19	S78 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 13:34
S80	68	("2584397" | "3343538" | "3941171" | "4038981" | "4246932" | "4252159" | "4378013" | "4401432" | "4433974" | "4434820" | "4516967" | "4543101" | "4564054" | "4568346" | "4576211" | "4675020" | "4715851" | "4722733" | "4729401" | "4768568" | "4787898" | "4834149" | "4856567" | "4883483" | "4900322" | "4927423" | "4936841" | "5045081" | "5114411" | "5188615" | "5304165" | "5330426" | "5342346" | "5348548" |	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/15 13:52

		"5350372" | "5360410" | "5393497" | "5397303" | "5445631" | "5466220" | "5478337" | "5526853" | "5531683" | "5603695" | "5624638" | "5636660" | "5855575" | "5873872" | "5876372" | "5879345" | "5925029" | "5928213" | "5944709" | "5954696" | "6003566" | "6036680" | "6117123" | "6139534" | "6224346" | "6238372" | "6355023" | "6364865" | "6379340" | "6409708" | "6474375").PN. OR ("6948522").URPN.				
S81	38158	"221"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/15 17:19
S82	8	S81 and (grocery adj bag)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/15 17:19
S83	25	("20020087118" | "20030181863" | "3359977" | "4576211" | "4759756" | "5184652" | "5647409" | "6221041" | "6378576" | "6409708" | "6715520").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/03/15 17:36

3/16/2011 11:32:48 AM
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